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January 2002 Proceedings of the 9th ECCAI-ACAI/EASSS 2001, AEMAS 2001, HoloMAS 2001 on Multi-Agent-
Systems and Applications II-Selected Revised Papers
Publisher: Springer-Verlag
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2 The triptych FPGA architecture
Gaetano Borriello, Carl Ebeling, Scott A. Hauck, Steven Burns
December 1995 **IEEE Transactions on Very Large Scale Integration (VLSI) Systems** , Volume 3 Issue 4
Publisher: IEEE Educational Activities Department
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3 On Existentially First-Order Definable Languages and Their Relation to NP
Bernd Borchert, Dietrich Kuske, Frank Stephan
July 1998 **I CALP '98**: Proceedings of the 25th International Colloquium on Automata, Languages and
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4 A new priority based congestion control protocol for Wireless Multimedia Sensor Networks
Mohammad Hossein Yaghmaee, Donald Adjeroh
June 2008 **WOWMOM '08**: Proceedings of the 2008 International Symposium on a World of Wireless, Mobile
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Publisher: IEEE Computer Society
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New applications made possible by the rapid improvements and miniaturization in hardware has motivated
recent developments in Wireless Multimedia Sensor Networks (WMSNs). As multimedia applications produce
high volumes of data which require high transmission ...

5 Similarity Measurement Between Images
Chaur-Chin Chen, Hsueh-Ting Chu
July 2005   **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and
Applications Conference - Volume 02** , Volume 02
Publisher: IEEE Computer Society
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Experimental results of applying two similarity measurements, Euclidean distance and chord distanc, to test a
set of six Brodatz's textures are reported. Experiments show that in addition to feature extraction, A similarity
measurement between images ...

Also published in:
July   **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and**   Volume
2005   **Applications Conference - Volume 02**   02

6 Global stabilization for systems evolving on manifolds
M. Malisoff, M. Krichman, E. Sontag
April 2006   **Journal of Dynamical and Control Systems** , Volume 12 Issue 2
Publisher: Kluwer Academic Publishers

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We show that any globally asymptotically controllable system on any smooth manifold can be globally stabilized by a state feedback. Since we allow discontinuous feedbacks, we interpret the solutions of our systems in the "sample and hold" sense introduced …

Keywords: asymptotic controllability, control systems on manifolds, input-to-state stabilization

7 An analysis of the low-earth-orbit communications environment
Robert Joseph Diersing
January 1992 An analysis of the low-earth-orbit communications environment
Publisher: Texas A & M University
Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Keywords: satellite communications

8 The scalable test platform
Nathan Dabney
November 2001 **Linux Journal** , Volume 2001 Issue 91
Publisher: Specialized Systems Consultants, Inc.
Full text available: Html (10.86 KB)   Additional Information: full citation, abstract, index terms

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OSDL offers open-source developers an invaluable resource.

9 CroMo --Morphological Analysis for Standard Croatian and its Synchronic and Diachronic Dialects and Variants
Damir Cavar, Ivo-Pavao Jazbec, Tomislav Stojanov
July 2009 Proceeding of the 2009 conference on Finite-State Methods and Natural Language Processing: Post-proceedings of the 7th International Workshop FSMNLP 2008
Publisher: IOS Press
Additional Information: full citation, abstract, references

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CroMo is a finite state transducer that combines three major functionalities into one high-performance monolithic machine for morphological segmentation, annotation, and lemmatization. It is designed to be flexible, extensible, and applicable to any …

Keywords: Croatian, Finite State Transducer, Morphology

10 Supporting RFID-based item tracking applications in Oracle DBMS using a bitmap datatype
Ying Hu, Seema Sundara, Timothy Chorma, Jagannathan Srinivasan
August 2005 **VLDB '05:** Proceedings of the 31st international conference on Very large data bases
Publisher: VLDB Endowment
Full text available: Pdf (200.93 KB)   Additional Information: full citation, abstract, references, cited by, index terms

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Radio Frequency Identification (RFID) based item-level tracking holds the promise of revolutionizing supply-chain, retail store, and asset management applications. However, the high volume of data generated by item-level tracking poses challenges to …

11 High-speed FPGA-based implementations of a genetic algorithm
Michalis Vavouras, Kyprianos Papadimitriou, Ioannis Papaefstathiou
July 2009 **SAMOS '09:** Proceedings of the 9th international conference on Systems, architectures, modeling and simulation
Publisher: IEEE Press
Additional Information: full citation, abstract, references

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One very promising approach for solving complex optimizing and search problems is the Genetic Algorithm (GA) one. Based on this scheme a population of abstract representations of candidate solutions to an optimization problem gradually evolves toward …

12 Revisiting the Noise Figure Design Metric for Digital Communication Receiver
Won Namgoong, Jongrit Lerdworatawee
March 2003 **ISQED '03:** Proceedings of the 4th International Symposium on Quality Electronic Design
Publisher: IEEE Computer Society

Full text available: Publisher Site   Additional Information: full citation, abstract, index terms

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Noise figure is a commonly used system parameter thatquantifies the degradation in the signal-to-noise ratio (SNR) as the signal passes through a receiving system.Because of the difficulty in defining the SNR, NF dependson how the SNR is computed and ...

13 Square Rooting Algorithms for Integer and Floating-Point Numbers
P. Hashemian
August 1990 **IEEE Transactions on Computers** , Volume 39 Issue 8
Publisher: IEEE Computer Siety
Full text available: Publisher Site   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

An algorithm for evaluating the square root of integers and real numbers is developed. The procedure consists of two parts: one to obtain a close estimate of the square root and the other to modify the initial value, iteratively, until a precise root ...

Keywords: bit-shift operation, close estimate, digital arithmetic, division by 2, fast converging iteration, floating-point numbers, initial value modification, integer numbers, iterative methods, number theory., precise root, real numbers, square rooting algorithms

14 Project scheduling using a competitive genetic algorithm
J. Magalhães-Mendes
September 2008 **SMO'08:** Proceedings of the 8th conference on Simulation, modelling and optimization
Publisher: World Scientific and Engineering Academy and Society (WSEAS)
Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

The resource constrained project scheduling problem (RCPSP) is a difficult problem in combinatorial optimization for which extensive investigation has been devoted to the development of efficient algorithms. During the last couple of years many heuristic ...

Keywords: RCPSP, genetic algorithm, optimization, project management, scheduling

15 A document engineering environment for clinical guidelines
Gersende Georg, Marie-Christine Jaulent
August 2007 **DocEng '07:** Proceedings of the 2007 ACM symposium on Document engineering
Publisher: ACM Request Permissions
Full text available: Pdf (1.22 MB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 1320, Downloads (12 Months): 1358, Downloads (Overall): 1499, Citation Count: 2

In this paper, we present a document engineering environment for Clinical Guidelines (G-DEE), which are standardized medical documents developed to improve the quality of medical care. The computerization of Clinical Guidelines has attracted much interest ...

Keywords: GEM, XML, clinical guidelines, deontic operators

16 Computer techniques for evaluating the double integral
Karen Doyle Walton, Zachary Doyle Walton
March 1992 **Journal of Computers in Mathematics and Science Teaching** , Volume 11 Issue 3-4
Publisher: Association for the Advancement of Computing in Education
Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

17 QoS and Contention-Aware Multi-Resource Reservation
Dongyan Xu, Klara Nahrstedt, Arun Viswanathan, Duangdao Wichadakul
August 2000 **HPDC '00:** Proceedings of the 9th IEEE International Symposium on High Performance Distributed Computing
Publisher: IEEE Computer Society
Full text available: Publisher Site   Additional Information: full citation, abstract, cited by

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 5

We present a QoS and contention-aware multi-resource reservation algorithm to provide end-to-end QoS guarantees for distributed and component-based services. We study a reservation-enabled environment, where each type of resource can be reserved. However, ...

18

Multiple Trajectory Search for Uncapacitated Facility Location Problems
Lin-Yu Tseng, Chih-Sheng Wu
April 2009   **CSO '09: Proceedings of the 2009 International Joint Conference on Computational Sciences and Optimization - Volume 02** , Volume 02
Publisher: IEEE Computer Society
Full text available: 📄 Publisher Site   Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a,   Citation Count: 0

In this study, a novel metaheuristic called the Multiple Trajectory Search (MTS) is proposed to solve the uncapacitated facility location problem (UFLP). The Multiple Trajectory Search hybridizes a global search method (the Trajectory_Search) and a local ...

Keywords: multiple trajectory search, uncapacitated facility location problem, metaheuristic

19 The self-reduction in lambda calculus
Fangmin Song, Yongsen Xu, Yuechen Qian
March 2000 **Theoretical Computer Science** , Volume 235 Issue 1
Publisher: Elsevier Science Publishers Ltd.
Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a,   Citation Count: 0

Keywords: Lambda calculus, self-reduction

20 Bounded Contraction in Systems with Linearity
Agata Ciabattoni
June 1999   **TABLEAUX '99:** Proceedings of the International Conference on Automated Reasoning with Analytic Tableaux and Related Methods
Publisher: Springer-Verlag
Additional Information: full citation

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